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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,385	09/16/2003	William J. Sequeira	057866-134130	1608
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EXAMINER				
STORK, KYLE R				
ART UNIT		PAPER NUMBER		
2178				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/663,385

**Applicant(s)**

SEQUEIRA, WILLIAM J.

**Examiner**

KYLE R. STORK

**Art Unit**

2178

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 February 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 27-43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27-43 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/200)
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date: \_\_\_\_\_

**DETAILED ACTION**

1. This non-final office action is in response to the RCE filed 9 February 2010 and amendment filed 21 December 2009.
2. Claims 27-43 are pending. Claims 27 and 34 are independent claims.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 27-29, 31-36, and 38-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bickmore et al. (US 6857102, filed 29 January 1999, hereafter Bickmore), and further in view of Holland et al. (US 6507867, filed 22 December 1998, hereafter Holland).

As per independent claim 27, Bickmore discloses a system for converting interactive Internet content to a form suitable for distribution to clients with a limited or non-existent return channel while preserving the interactivity of the content, the system comprising:

a storage media comprising program code and a plurality of data structures, the plurality of data structures including:

a page URL data structure storing data for use in identifying pages of the interactive Internet content (Figure 12; column 12, lines 32-54)

a page partition data structure storing data for use in tracking navigation data contained in a particular partition of a plurality of partitions (column 14, lines 46-64: Here, the re-authoring page is stored at a page location. The page partition data structure, or page, stores data removed from the original page and placed into the re-authored sub-page)

a partition link data structure storing data for use in tracking navigation data contained in a particular partition of a plurality of partitions (column 12, lines 32-54: Here, the re-authoring system constructs a parse tree. This parse tree contains unique page identifiers for navigation between pages)

a processor to execute the program code to enable the system to select and partition a single page of the interactive Internet content into the plurality of partitions, to integrate data stored in the page URL, page partition, and partition link data structures and partitions (Figure 12).

Bickmore fails to specifically disclose packaging the data into a bundle, and distribution of the bundle to a client device. However, Holland discloses packaging the data into a bundle, and distribution of the bundle to a client device (Figure 7, items 740 and 780: Here, each of a Page URL, Page Partition, and Partition Link are components of a web page. The bundling web server obtains the referenced data pages and constructs a bundle. This bundle inherently includes a Page URL, Page Partition, and Partition Link). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Holland with Bickmore, since it would

have allowed a user to provide the entire re-authored page, including sub-pages, to a user in a single transmission packet.

As per dependent claim 28, Bickmore discloses wherein the page URL data structure contains data regarding the URL of the selected pages and a unique identifier for each page of the selected pages (column 12, lines 32-54).

As per dependent claim 29, Bickmore discloses wherein the page partition data structure contains a unique identifier for each partition of the plurality of partitions (column 12, lines 32-54).

As per dependent claim 31, Bickmore discloses wherein the partition link data structure contains data regarding location and destination of each link in a particular partition of the plurality of partitions (column 12, lines 32-54).

As per dependent claim 32, Bickmore and Holland disclose the limitations similar to those in claim 31, and the same rejection is incorporated herein. Bickmore fails to specifically disclose wherein the coordinate system is selected from the group consisting of x-y coordinates, x-y-z coordinates, or polar coordinates. However, the examiner takes official notice that such coordinate systems were notoriously well known in the art at the time of the applicant's invention as providing absolute positions for display of data items within a web page. It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined the well known location schemas with Bickmore, since it would have specified the absolute location of items on a web page.

As per dependent claim 33, Bickmore and Holland disclose the limitations similar to those in claim 27, and the same rejection is incorporated herein. Bickmore fails to specifically disclose wherein the storage media is a disk. Holland discloses wherein the storage media is a disk (Figure 3). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Holland with Kim, since it would have allowed a user to store data.

As per claims 34-36 and 38-39, the applicant discloses the limitations similar to those in claims 27-29 and 31-32, respectively. Claims 33-36 and 38-39 are similarly rejected.

As per dependent claim 40, Bickmore discloses wherein the processor partitions the single page so that each of the partitions of the single page is fully displayable on a monitor (column 4, lines 13-17).

As per claim 41, the applicant discloses the limitations substantially similar to those in claim 40. Claim 41 is similarly rejected.

5. Claims 30 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bickmore and Holland, and further in view of Jeffrey et al. (US 2002/0083090, filed 27 December 2000, hereafter Jeffrey).

As per dependent claim 30, Bickmore and Holland disclose the limitations similar to those in claim 29, and the same rejection is incorporated herein. Bickmore fails to specifically disclose navigation including previous and next steps. However, Jeffrey discloses navigation between data items including previous item and next item

(paragraph 0052). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Jeffrey with Bickmore, since it would have allowed a user to easily navigate between data items.

As per claim 37, the applicant discloses the limitations similar to those in claim 30. Claim 37 is similarly rejected.

6. Claims 42-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bickmore and Holland, and further in view of Fujii et al. (US 6285461, patented 4 September 2001, hereafter Fujii).

As per dependent claim 42, Bickmore fails to specifically disclose creation of a bitmap image of the single page of the content. However, Fujii disclose creation of a bitmap image of the single page of the content (column 10, lines 22-29). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Fujii with Bickmore, since it would have allowed a user to view a representation of the original layout of a segmented page.

As per claim 43, the applicant discloses the limitations substantially similar to those in claim 42. Claim 43 is similarly rejected.

### ***Response to Arguments***

7. Applicant's arguments with respect to claims 27-43 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KYLE R. STORK whose telephone number is (571)272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kyle R Stork/  
Primary Examiner, Art Unit 2178